in this connection. The harcottes in which mankind are not to infulge, are varied in their nature and effects; and the chemical bases by which their strange effects are wrough, are numerous, but all the stimu-lant beverages used for the purpose of creating the infoxicated state, depend for their subtre power upon the presence of alcohol.

The proportions of the chamically pur spirit—the poison itself—vary greatly in different preparations. Small beer am inger contain from \(\) to \(\) per cent \(\) alcohol cider, \(\) or \(\) per cent; \(\) claim (and \(\) wine \(\) 7 per cent; \(\) claim (and \(\) per cent; \(\) hock; \(\) 4 per cent; \(\) per cent; \(\) wine, \(\) 8 to \(\) per cent; \(\) wine,\(\) 8 to \(\) per cent; \(\) wine,\(\) 8 to \(\) per cent; \(\) wine,\(\) 8 to \(\) per cent; \(\) wine,\(\) 8 to \(\) 7 so \(\) 7 so \(\) per cent; \(\) wine,\(\) 8 to \(\) 7 so \(\) 8 so

cuer, a or oper cent; Castornia wine; per cent; claret, 8 per cent; Dock, 14 per cent; Port wine, 18 to 21 per cent; whisky, 46 per cent; brandy, 50 per cent, and ram, 58 per cent.

In South An erica, chies or maize beer has long been known. Indeed the origin of its use is lost in the uncertain mists of the remote past. The way by which it is prepared is interesting, the usual mode of procedure being described as follows: In dian corn is mostened, left in a warm place till sprouted and then dried. This malt is crushed, mixed with water, and set aside to forment; after fermentation the stuff is stirred up, and drunk as a thick gruel, it is only among the inhabitants of the Solravalleys that the strongest and indeed the most highly prized chica can be procured. The process of its manufacture, as given by an legy with as, is essentially this. On brewing occasions, all members of one family gather around a large vessel in which is placed a considerable quantity of malne malt. Each one fills his mouth with the prepared oorn and chews till the stoff is reduced to an ass of puly; this be spits into the dish again, and forthwith resumes the mast cating operation on moother mouthful, and so on till sufficient pulp has been produced. Het water is poured on the uninviting mass, and fermentation is soon setup. For high chica, a short time only is required to complete the process, but for the more exhibitating drinks, the spite in the ground and there left til their containing the insalivated mess are buried in the ground and there left til their containing the insalivated mess are buried in the ground and there left til their containing the insalivated mess are buried in the ground and there left til their containing the insalivated mess are buried in the usual manner. The Serrant believes he cannet offer his guest a greater luxury than a draughire the streagth of the sandwich Islands, the Fijis and the Tongas are allike addicted to he use of the ava beverage. The drink is prepared from the root of the same way. The mative

him liked a concoction of magnesia and rhubarb.

There is an interesting chemical explanation underlying this disgusting process of beer making. Fermentation consists primarily in the partial discomposition of sugar, whereby alcohol is formed. Now starch and a closely allied substance called by the called the substance called by the called in the making of chica and avar and these materials in the fermenting process, becomes transformed first into sugar, then into alcohol. The saliva of the mouth exists a trong chemical influence.

distilled product that possesses such ardent strength.

Alcohol is almost universally familiar, and no less wide is the sphere of the troubles ind c d by its use.

Legislators have treed almost every conceivable plan for regulating the manufacture and sale of spirituous liquors. The use of alcoholi in the industrial arts is almost indispensable. Yet the laws that have been devised in order that the use of alcoholic beverages might be in some degree controlled, injuriously affect this legitlimate use of the matural. Alcohol can not be preduced oven for purely technical purposes, except indir expensive license rights. A rather novel way to avoid use difficulty has been proposed in Europe and the United States. It is commonly known that by the distructive distillation of wood there are produced in Europe and the United States. It is commonly known that by the distructive distillation of wood there are produced in Europe and tellular distructive distillation of wood spirit, which, in its composition and get erise them for behavior, is closely all ed to common or ethyl alcohol. A proposition made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been made to mix alcohol with a cere has been more than alcohol where the manufacture with thi

THE USES OF ALCOHOL

The Beverages Made by the Various Nations.

The Beverages Made by the Various Nations.

The Beverages Made by the Various Nations.

The Make Beer of South America—Cava Beer of the South Sea Islands—The Kommis of the Tartaras

Fig. The Strick Hellald.

There is no known people on earth, civilized, bards rous, or neither, white been contented in the commone and form intermediate intra unong whom intoxicating indulgences are not of commons occurrence. And many and strange are the methods adopted to prepare the inchriating beverages. In all preparations of the sort, ethyl alcohol—the commones and most familiar member of the great alcohol trib—is the basis. The many alcoholar is itself of interest. There has been great diversity of opinion, and beneated conflicts of ideas among students of largance, as to the ancestry of the term. After winnowing away the chaff of philological contention, the grains of probability seems to these.

It is said that lour, lour are, seefare the arise of deception and trickery became extinct in the world, the women of the great so these.

It is said that lour, lour are, seefare the arise of deception and trickery became extinct in the world, the women of the great so these.

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It is said that lour, lour are, seefare the arise of deception and trickery became extinct in the world, the women of the form all proposality seems to the seed the produce of the distillier's art; we home can fought the produce of the distillier's art; yet none can fought the produce of the distillier's art; yet none can fought the properties of the distillier's art; yet none can fought the properties of the distillier's art; yet none can fought the propers of the summary and the propers of the distillier's art; yet none c

Answer this Question.

Answer this Question.

No. 2. Why do so many people we see around us seem to prefer to suffer and be made uniscrable by Indigestion, Constipation, Dizriness, Loss of Appetite, Coming Up of the food, Yellow Skin, when for to cents we will sell them Shiloh's System Vitalizer, guaranteed to cure them. Sold by A. C. Smith & Co.

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" bread that wen the diploma at
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Our confectionery won the silver medal.
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own cakes, bring thom to us and we will
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avai, and these materials in the fermenting process, becomes transformed first into sugar, then into alcohol. The saliva of the mouth exists a strong chemical induces in the changing from starch and diastase to sugar, and this is its value in the formanding operations already described.

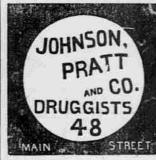
Among the Tariara, an intoxicating liquor is prepared by fermenting unit; this is known as knowne. Mare's milk is preferred for the manufacture owing to supperior richaess. The sour procect is doubtless intrivising, containing as it towards all the butter and cheese of the milk. Sake is a Japaniese dirith prepared from fermented rice. It is generally drank warm, and contains from a per cent when of age.

The hears generally are produced by the same generally are produced by the rounded master or brower relies upon the products of his own salivary glands to induce the fermenting changes. Yeast is generally employed as the ferment, and very speedy is its action in decomposing sugar and forming alcohol. In all fermented liquors the proportion of alcohol is comparatively low. Even the wines which are prepared by the fermentation of fruit jule s rich in sugar, seldom contains more than its or ill per cent alcohol. In all fermented liquors the proportion of alcohol is comparatively low. Even the wines which are prepared by the fermentation of fruit jule s rich in sugar, seldom contain in a tolorably sure groot that the lequors have been fortified, for that amount of alcohol is essently in stopping farther fermentation. By the process of distillation, however, the volatile alcohol is essently expensed from the fiery water, so that half an opper of the distillate may contain all the spirit from a gallon of fermented mash. It's tare distilled product that possesses such ardens. Alcohol is almost universally familiar, and no less wide is the sphere of the

Bay's wool waists, all sizes, regular price \$1. for 65c. Hoys' soit clothes, \$2.25 whole sait. Men's wool underwear, others sell at \$1.25, we sell for 75c. Big line fancy tidles, worth 25c., at 20c.



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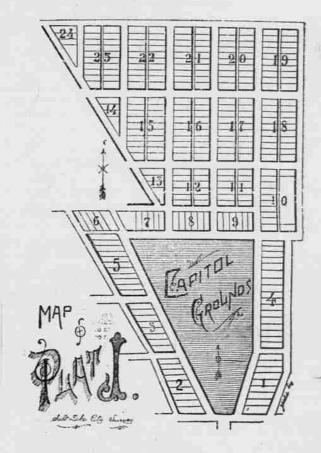
GREAT PUBLIC

sees OF sees

ITY ANDS

In pursuance of a Resolution of the City Council of Salt Lake City, passed October 22, 1889, notice is hereby given that on Monday, the 9th day of December, 1889, at the front door of the City Hall in said City, I will offer for sale at public auction and will sell to the bighest hidder for each the following door highest bidder for cash, the following described lands, belonging to Salt Lake City, which are situated in the city and county of Salt Lake and Territory of Utah, described as follows, to-wit:

All of lots 1, 2 and 4 in block 58; all of lot 4, block 57; all of lot 1, block 83; all of lot 2, block 119; all of blocks 128, 153, and 147; all of lot 4, block 161; all of lot 4, block 162; all of lot 3, block 157; all of lots 1, 3 and 4, block 158; all of lot 4, block 159; all of lot 1, block 163; all of block 145; all of lot 1, block 135; all of lots 2 and 3, block 136; all of lot 2, block 137; all of lots 1, 2 and 4, block 138; all of lot 4, block 116, all of lot 1, block 85, all of lot 3 block 86; all of lot 3 block 86; all in plat D, Salt Lake City Survey; and all of plat J, excepting the east half of block 10 and the Capitol Grounds.



Said sale will commence at 10 o'clock a.m., and will be continued from time to time as circumstances may require. The lots in plat D, are all 165x165 feet and those in plat J Insurance Co. Insurance Co. Insurance Co. City Hall.

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Mayor of Salt Lake City.

Salt Lake City, Utah, Oct. 23, 1889.

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